

Creating a Geo-Referenced Cut Sheet

AEC APPLICATIONS

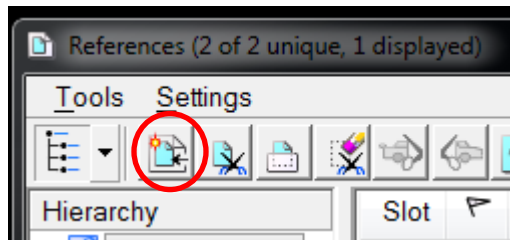
February 7, 2014

File Creation and Referencing

1. Using the **CT_Sheet_Civil_2D_V8i.dgn** seed file, create a new file and open it. The seed file can be found under **Workspace\Standards\seed**
2. Reference the ground and design files and do fit all:
 - a) Click the **Reference File** Icon on the Primary toolbar.



- b) On the Reference File window, hit the **Attach Reference File** Icon, then browse to the file you want to reference and highlight it and hit **Open**.



Creating a Geo-Referenced Cut Sheet

AEC APPLICATIONS

February 7, 2014

c) Select the needed Reference Attachment Settings.

Reference Attachment Settings for SV_D1_1234_1234_GRN.dgn

File Name: SV_D1_1234_1234_GRN.dgn
Full Path: ...\\Survey\\SV_D1_1234_1234_GRN.dgn
Model: 3D Design

Logical Name: Ref
Description: 3D Design Seed

Orientation:

View	Description
Coincident	Aligned with Master File
Coincident - World	Global Origin aligned with Master File
+ Standard Views	
+ Saved Views	
Named Fences (none)	

Detail Scale: CT40
Scale (Master:Ref): 1.000000 : 1.000000

Named Group:
Revision:
Level:
Nested Attachments: Live Nesting
Display Overrides: Allow
New Level Display: Use MS_REF_NEWLEVELD
Global LineStyle Scale: Master
Synchronize View: Volume Only

Nesting Depth: 1

Toggles

Drawing Title

☐ Create

Name: Ref

OK Cancel

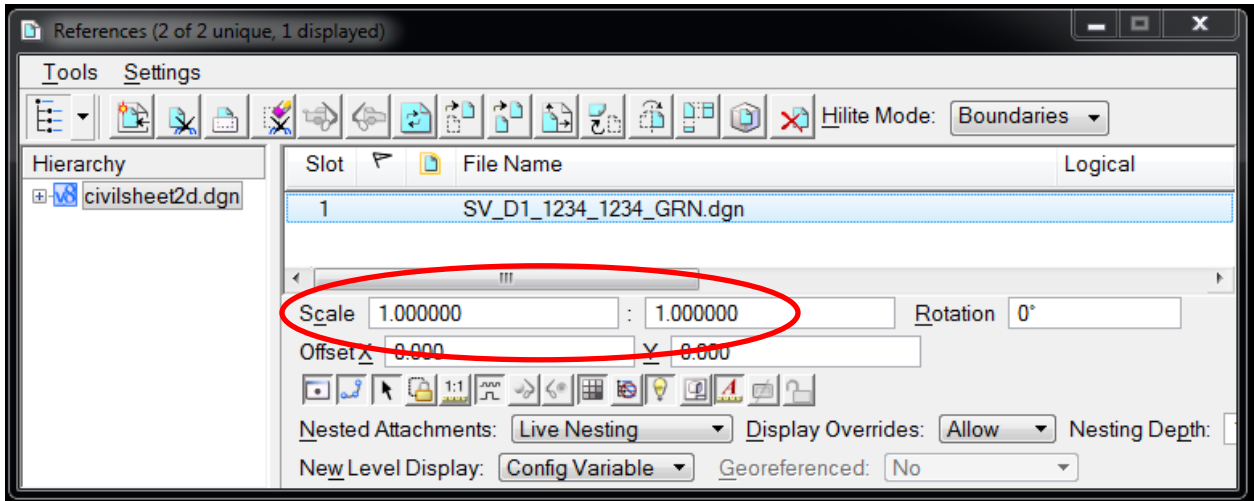
Select **OK** and then do a **Fit All** in your Window Display

Creating a Geo-Referenced Cut Sheet

AEC APPLICATIONS

February 7, 2014

- c) Check the scale at the bottom of the Reference File window; if it isn't 1 to 1, highlight the text and change it to 1 to 1 then data point on the window view and fit view again.



Set the Sheet Boundary Shape

CTDOT has created a “sheet boundary shape” which represents the outer most edges of the border. This “**shadowed**” shape is called a MicroStation transient element. The transient element does not print, however it is snappable. When plotting and printing, MicroStation recognizes the transient shape so you do not have to place a fence.

1. Click on the **Models** Icon.

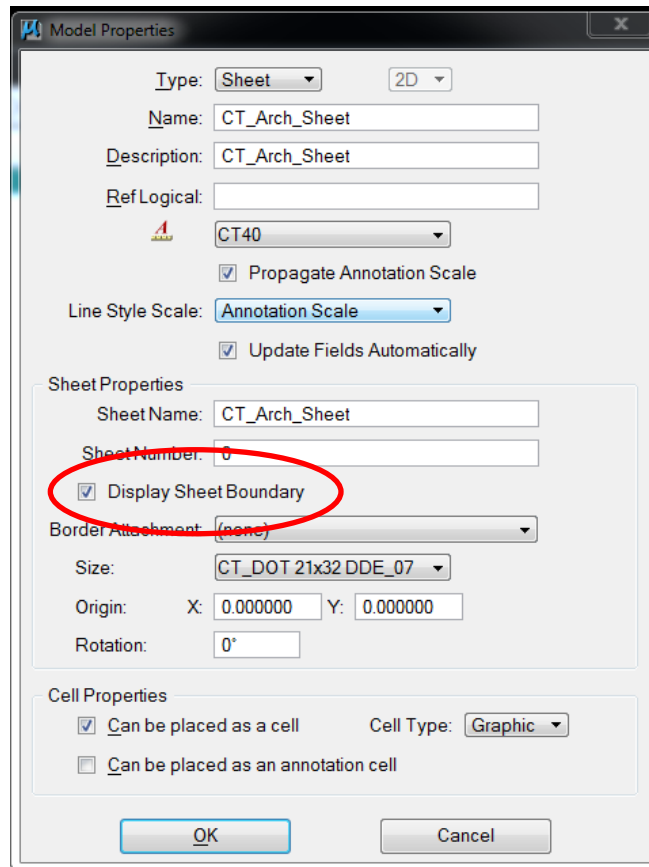


Creating a Geo-Referenced Cut Sheet

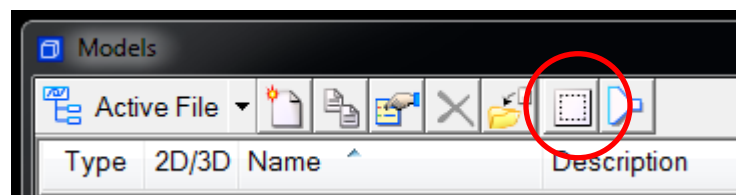
AEC APPLICATIONS

February 7, 2014

2. On the **Models** window, make sure the **CTDOT_Civil_Sheet** is highlighted, right click and select **Properties**. Toggle on Display sheet Boundary.



3. On the models dialog box click the **Define Sheet boundary** Icon. Fit view to locate the cut sheet border definition shape.

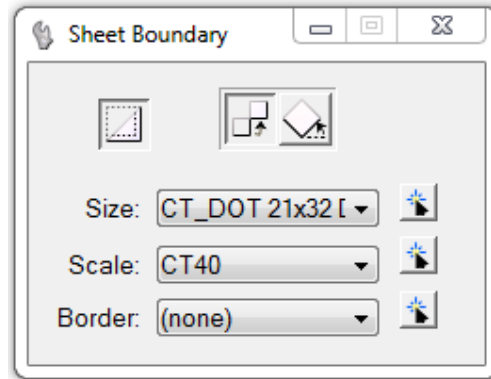


Creating a Geo-Referenced Cut Sheet

AEC APPLICATIONS

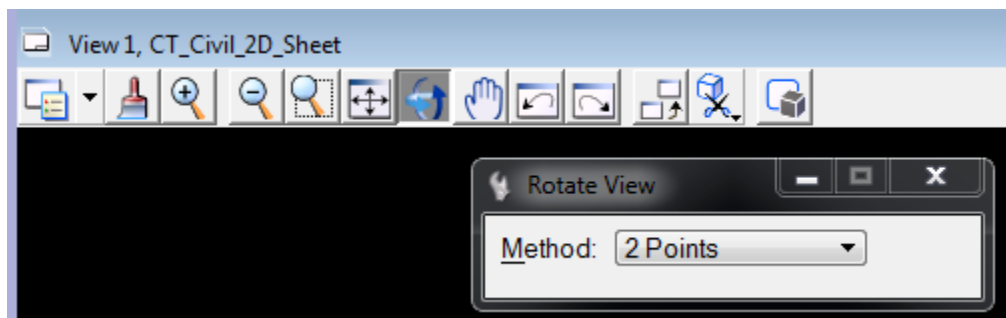
February 7, 2014

4. On the **Sheet Boundary** window click **Move** and click over the shape and move it to the desired location and click to release. If you need to rotate the boundary to get a better fit select **Rotate**.

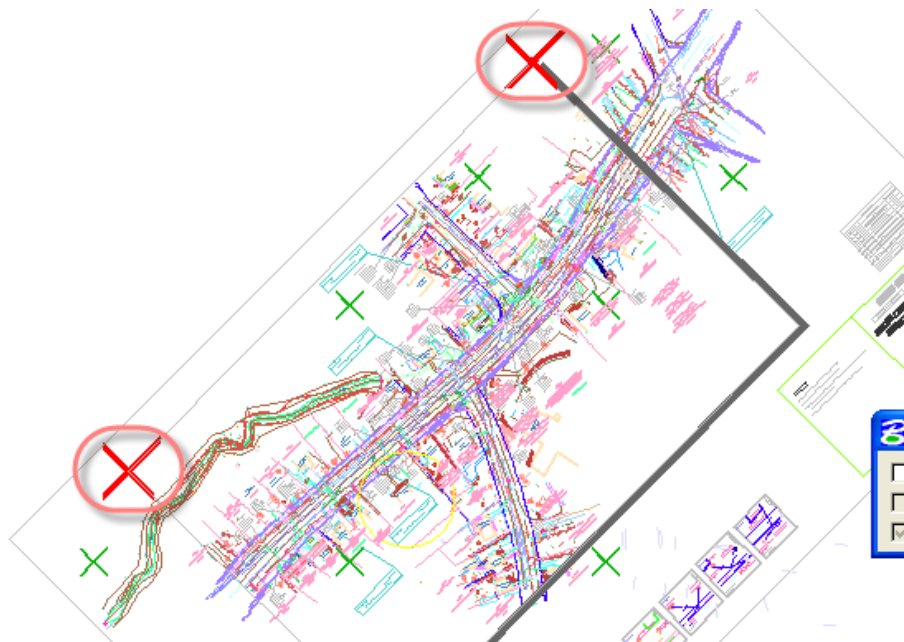


Rotate Your Window View

1. Click on the **Rotate View** Icon located on the top or bottom of your view window. Set the method to **2 Points**.



2. Tentative and data point to the left corner of the transient shape outline. Tentative and data point to the right corner of the transient shape to define the X-axis.



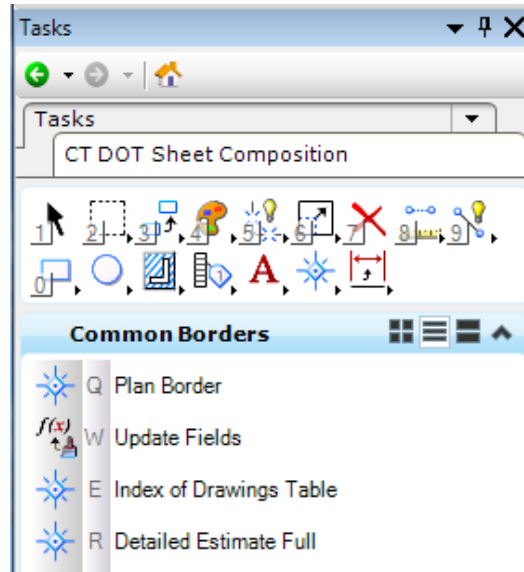
Creating a Geo-Referenced Cut Sheet

AEC APPLICATIONS

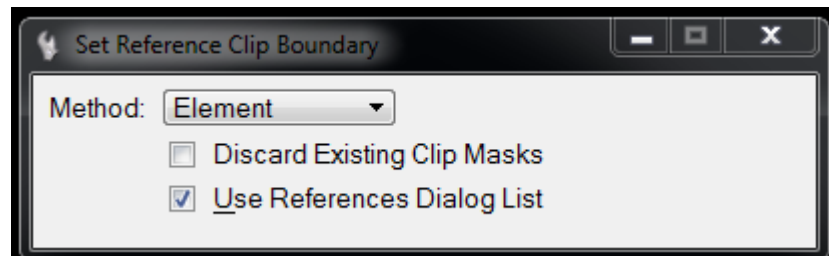
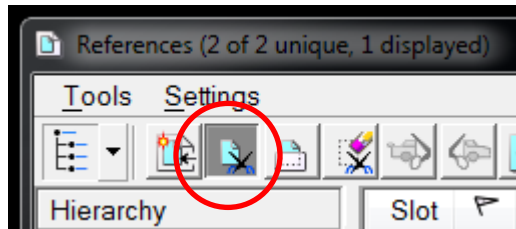
February 7, 2014

Border Cell Placement

1. On the CT DOT Sheet Composition Task select **Common Borders**. Select the needed border cell.



2. Make the level **CT_CSHT_Clipping_Boundary** active. Place a shape around the reference elements you want within your clipping boundary.
3. In the **References** window, highlight the reference file(s) you wish to clip and select the **Clip Reference** icon. Set the Method to Element. Follow the Prompts to select the clipping element.



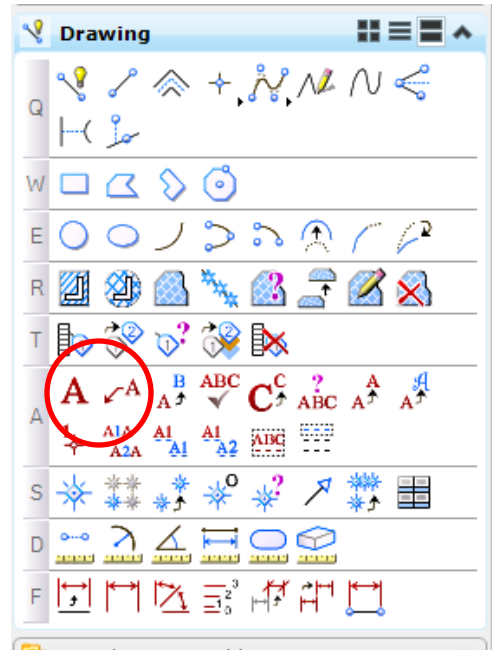
Creating a Geo-Referenced Cut Sheet

AEC APPLICATIONS

February 7, 2014

Title Block Tag Information

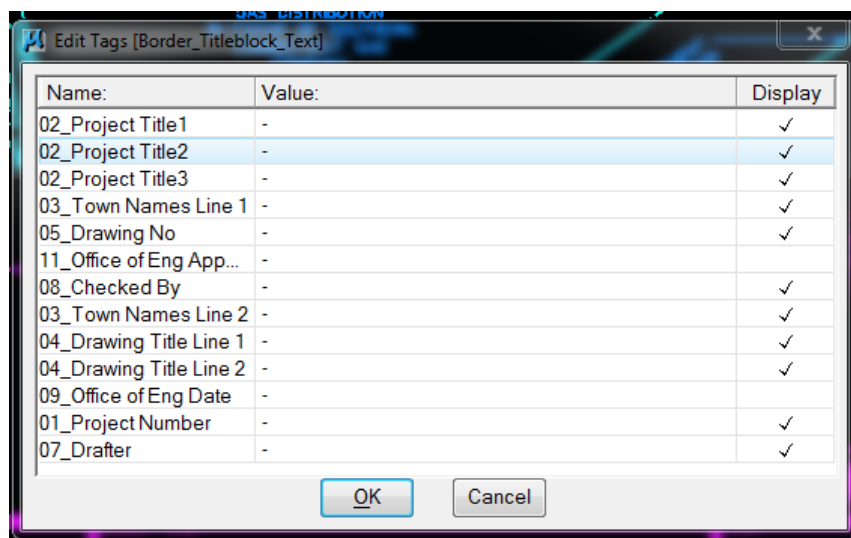
1. Fill in the border text by selecting the **Edit Tags** tool.



2. Click on any one of the small text tag dashes located within the title block.



3. On the **Edit Tags** window in the **Value** column, fill in your project information. Hit the tab key to go to the next line, or you can use your up/down keyboard arrows.



4. If there are fields you are not using, you can turn them off by unchecking the display column.
5. Hit **OK** when through.